

## Multi-tag Desktop Reader ID RWA40.30 (125 kHz)



### FEATURES

- Multi-tag reader for all common 125 kHz transponders
- USB interface
- Desktop reader for use in offices or at the PoS, for applications like Ticketing, ePayment etc.
- Reader has its own local intelligence, the most important functions of the reader can be configured to support an offline operational mode





## TECHNICAL DATA

|                        |   |
|------------------------|---|
| Dimensions (W x H x D) | 144 mm x 84 mm x 18 mm<br>(5.69 in x 3.30 in x 0.71 in)                     |
| Housing                | Plastic ASA / Front: acrylic glass  |
| Color                  | Corpus: white / Front: black  |
| Weight                 | approx. 105 g   |
| Protection class       | IP 42   |
| Operating frequency    | 125 kHz   |
| Supply voltage         | 5 V, USB Bus powered  |
| Current consumption    | maximum 140 mA  |
| Supported transponders | 125 kHz Read Only transponders*<br>125 kHz Read/Write transponders**        |
| Operation mode         | Polling-Mode  |
| Antenna                | integrated  |
| Interface              | USB Full-Speed (12 MBit/s)  |
| Optical indicators     | 2 LED<br>Green: Power and online/offline<br>Blue: Transponder communication |
| EEPROM                 | 512 Byte (1 x 10 <sup>6</sup> write cycles)                                 |
| FLASH                  | 128 Byte (firmware update in application possible)                          |
| Temperature range      |   |
| Operation              | -20 °C up to 60 °C  |
| Storage                | -40 °C up to 85 °C  |
| Relative air humidity  | 95 % (non-condensing)   |
| MTBF                   | 500.000 h   |

## SHORT DESCRIPTION

### Order description            ID RWA40.30-USB

ID RWA40.30-USB is designed as a desktop device for contactless data exchange with common 125 kHz transponders and is suitable for various office-, administration- and industrial applications.

Power supply and data exchange with a computer or other equipment is carried out via USB interface.

#### Scope of delivery:

- Desktop Reader ID RWA40.30-USB
- USB cable (A – Mini B connector)
- Installation manual
- Access data for download area

#### Driver support:

USB CDC device driver for Windows® 2000 SP4, Windows® Server 2003, Windows® XP SP2, Vista® 32 Bit

\* For example ID CTx.A, H4001, H4002, H4022, H4102, Unique, Q5, e5555 etc.

\*\* For example ID DTx.B, ID DTx.C, HITAG 1, HITAG 2, HITAG S etc.

## STANDARD CONFORMITY

|                        |                   |
|------------------------|-------------------|
| Radio approval         |                   |
| Europe                 | EN 300 330        |
| EMC                    | EN 301 489        |
| Safety                 |                   |
| Low voltage            | EN 60950          |
| Human Exposure         | EN 50364          |
| Waste                  | WEEE – 2002/96/EC |
| & hazardous substances | RoHS – 2002/95/EC |

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